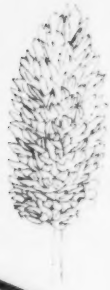
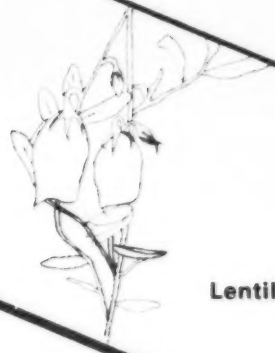
Saskatchewan
Agriculture
and Food

Economics
Branch

1989 Specialty Crop Report



Canaryseed

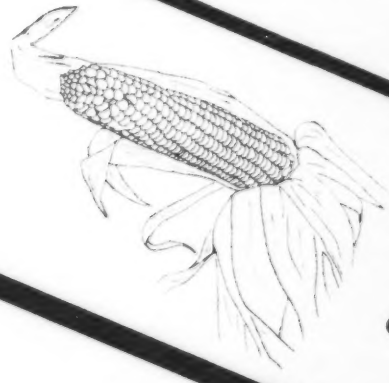


Lentils

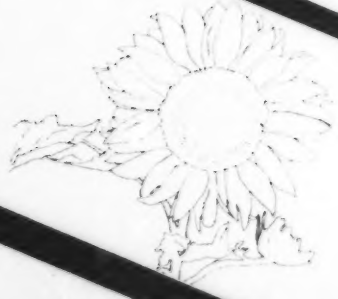
Buckwheat

Yellow
Mustard

Field Peas



Corn



Sunflower

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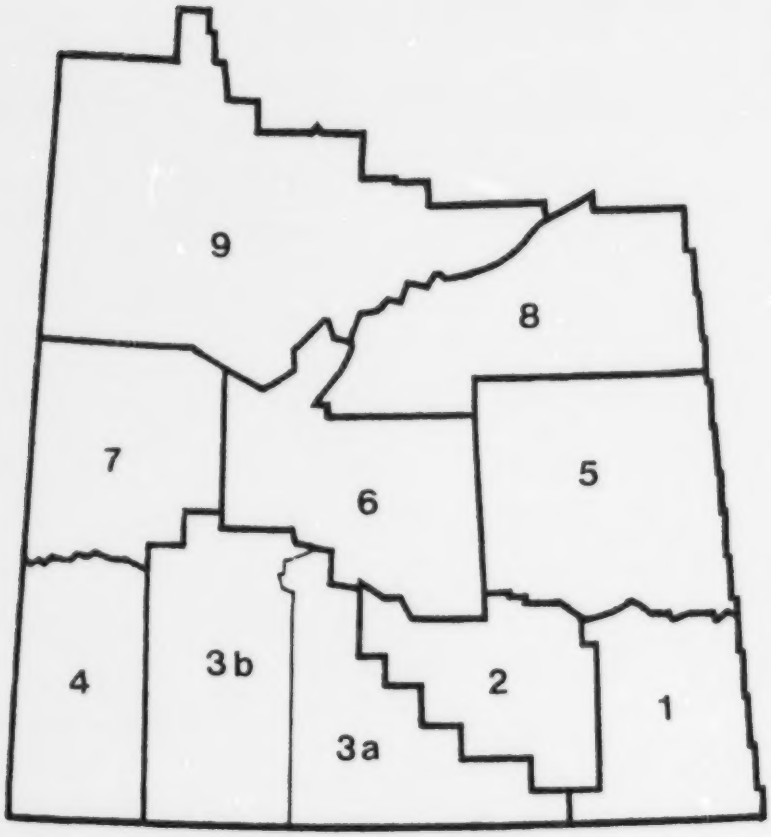
Figure 1

Saskatchewan Crop District Map



Acknowledgement

Saskatchewan Agriculture and Food, with the assistance of the Canadian Wheat Board, has conducted the eighth annual Specialty Crop Survey. The comprehensive survey of miscellaneous crop producers provides an estimate of area, yield and production of the major specialty crops in Saskatchewan.

The Canadian Wheat Board assisted with the survey by providing the list of names and addresses of the miscellaneous crop producers. The "miscellaneous" crops are defined as all other crops not listed in the Wheat Board permit book. Each miscellaneous crop producer received a questionnaire to report specialty crop acreages and yields. This report is based on the information that was returned by the producers.

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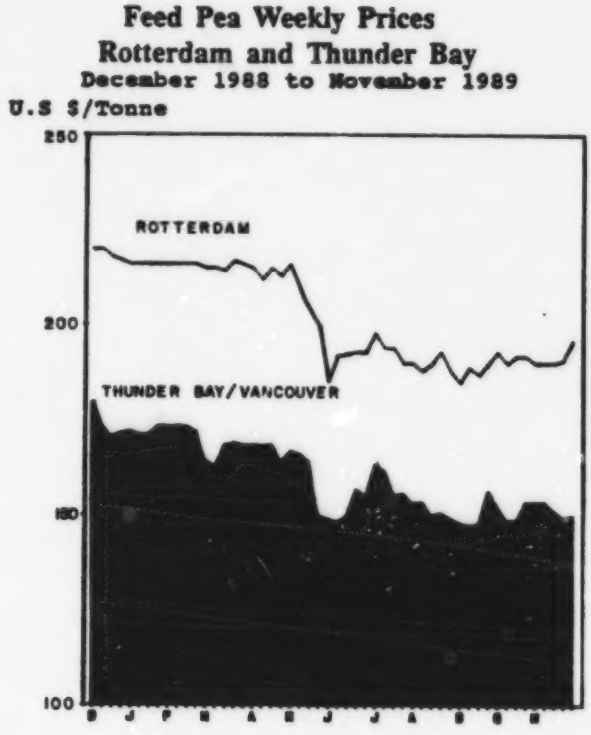
ERRATTA

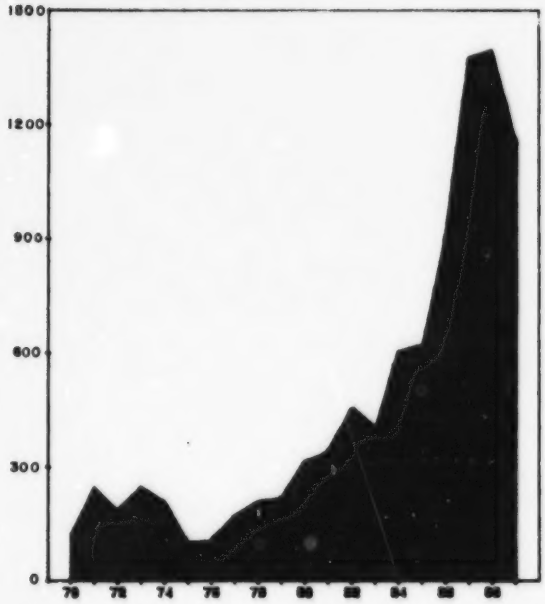
1989 SPECIALTY CROP REPORT

Page 7: The canaryseed price graph should be labelled U.S. $/cwt. **not** $/cwt.

Page 8: The feed pea price graph should be replaced by the following:



Saskatchewan Specialty Crops
1970-89
'000 acres



Saskatchewan Agriculture and Food's 1989 survey for specialty crops area and yield estimates Saskatchewan production of the major specialty crops at 398 900 tonnes--up 49 000 tonnes(14%) from 1988. The increased production reflected considerably better growing conditions from the drought stricken crop of 1988. The area planted to specialty crops decreased 17% to 1.16 million acres from the record 1.39 million acres planted in 1988 and represents the first year this decade that specialty crop plantings have decreased from the previous year.

Table 1: Miscellaneous crop producers by Crop district in Saskatchewan

Crop Districts	1988 Number of Producers	1989	89/88 %
1	654	680	104
2	885	834	94
3	682	800	117
4	93	115	124
5	1 321	1 004	76
6	1 084	1 125	104
7	1 081	1 187	110
8	1 849	1 338	72
9	1 151	849	74
Sask	8 800	7 932	90

The crop season began with a carryover of the dry conditions from 1988. Saskatchewan soil moisture conditions were poor across much of Saskatchewan going into the winter of 1988-89. Precipitation accumulations were below normal over central and northern districts. Normal to above normal snowfall occurred over much of southern Saskatchewan. Cool and dry weather conditions during the beginning of May postponed the start of planting the 1989 crop until mid month. With most areas finished seeding by the first week of June, timely rains turned the prospects from a dismal start into one of optimism. However by mid July most parts of the province were entrenched by hot dry conditions which lasted four weeks. Yield potential was significantly reduced and by the end of August, forty percent of the crop was harvested. Rain and poor drying conditions delayed the completion of harvest until the latter part of September.

As of November 1, soil moisture conditions in the province were improved from the fall of 1988, but still dry in the eastern half of the province and the west central region.

The specialty crop survey was sent out to 7 932 Saskatchewan permit book holders who reported growing miscellaneous crops. This compares to a record 8 800 producers growing specialty crops in 1988. Over the past five years specialty crops interest grew at a dramatic rate in the northern growing regions -- primarily the black soil zone. In 1989, the upward trend of area devoted to specialty crops was reversed. There were 1130 fewer producers growing specialty crops in crop districts 5, 8 and 9. Lower prices, dry field conditions and more attractive opportunities from competing cereals and oilseeds factored into the decrease. The area planted to pulse crops (in particular field peas and fababeans) decreased by significant amounts in these regions.

Better field conditions in the spring of 1989 prompted more farmers to plant specialty crops in the central and southern districts. The number of farms reporting specialty crops was up by as much as 10% in central regions and 17% to 24% up in the south central and southwest regions. Many of these areas had cut back on plantings in previous years due to unsuitable soil conditions at planting time. The increased interest in these areas in 1989 translated into more area planted to mustard, sunflower and canaryseed.

Table 2: Area, Yield and Production of Specialty Crops, Saskatchewan, 1988-89

Crop	1988 Acres '000	1988 Yield lbs/ac	1988 Yield kg/ac	1988 Prod'n '000 t	1989 Acres '000	1989 Yield lbs/ac	1989 Yield kg/ac	1989 Prod'n '000 t
Brown Mustard	115.0	589	267	30.7	175.0	617	280	49.0
Yellow Mustard	115.0	449	203	23.4	155.0	526	239	37.0
Oriental Mustard	95.0	589	267	25.4	90.0	612	278	25.0
Sunflowers	15.0	676	307	4.6	20.0	650	295	5.9
Lentils	300.0	334	151	45.4	220.0	764	346	76.2
Canaryseed	230.0	440	200	45.9	280.0	750	340	95.3
Field Peas	425.0	762	346	147.0	180.0	1164	528	95.0
Buckwheat	1.0	529	240	0.2	2.0	474	215	0.4
Fababeans	28.0	732	332	9.3	5.0	1323	600	3.0
Alfalfa Seed	20.0	165	75	1.5	15.0	250	113	1.7
Sweet Clover Seed	25.0	203	92	2.3	6.0	294	133	0.8
Caraway Seed	7.0	157	71	0.5	5.0	529	240	1.2
Safflower	12.0	312	142	1.7	4.0	772	350	1.4
Silage Corn	6.0	4409	2000	12.0	3.0	5144	2333	7.0
Total	1394.0			349.9	1160.0			398.9

Table 3: Average Area Per Grower, Summerfallow and Stubble Yield and Contracted Acres

Crop	Average Acres per grower 1988	Average Acres per grower 1989	Stubble Acres %	Yield (lbs/ac) Stubble	Yield (lbs/ac) Fallow	Contracted Acres %
Brown Mustard	147	137	37	490	692	76
Yellow Mustard	132	134	33	414	581	78
Oriental Mustard	182	143	25	448	667	64
Sunflowers	164	155	83	628	758	42
Lentils	134	134	52	754	775	38
Canaryseed	141	141	43	615	852	58
Field Peas	135	108	89	1158	1210	19
Buckwheat	73	61	32	258	576	78
Fababeans	179	64	97	1348	505	7
Alfalfa Seed	99	134	100	250		9
Sweet Clover Seed	103	73	100	294		3
Caraway Seed	97	104	25	277	613	50
Safflower	78	53	56	1069	394	7
Silage Corn	119	78	75	4519	7019	

Relative to 1988, the production of specialty crops was up except for field peas, fababeans, sweet clover seed and safflower. The decrease in field pea production to 95 000 tonnes occurred because the area planted decreased to 180 000 acres from 425 000 acres a year ago. Similarly, fababean, safflower and sweet clover production decreased due to significant reduction in harvested area.

The yields of specialty crops were better than the drought reduced crop of 1988 except for sunflower seed and buckwheat. Sunflower seed, both the confection and oilseed, is primarily grown in the south eastern region of the province and therefore was subject to conditions drier than the rest of the province. The buckwheat yields were below a year ago due to dry conditions early in the growing season.

Table 4: Saskatchewan Specialty Crops Yields by Crop District

	Crop District									
Crop	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**Sask**
					lbs/ac					
Brown Mustard	595	451	292		776	435	651	935	939	617
Yellow Mustard	416	230	500		608	468	610	753	991	526
Oriental Mustard	584	518	678		733	481	686	558	801	612
Sunflowers	710	670	422							650
Lentils	500	839	772	641	639	803	706	859	689	764
Canaryseed	553	752	520	663	1019	533	680	733	835	750
Field Peas	1084	888	1020		1042	1183	994	1143	1219	1164
Buckwheat	258							481		474
Fababeans					1537					1323
Alfalfa Seed					379	70		255	127	250
Sweet Clover Seed					286			298	463	294
Caraway seed		585					512			529
Safflower			785							772
Silage Corn	2809									5144

	Crop District									
Crop	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**Sask**
					kg/ac					
Brown Mustard	270	205	132		352	197	295	424	426	280
Yellow Mustard	189	104	227		276	212	277	342	450	239
Oriental Mustard	265	235	308		332	218	311	253	363	278
Sunflowers	322	304	191							295
Lentils	227	381	350	291	290	364	320	390	313	347
Canaryseed	251	341	236	301	462	242	308	332	379	340
Field Peas	492	403	463		473	537	451	518	553	528
Buckwheat	117							218		215
Fababeans					697					600
Alfalfa Seed					172	32		116	58	113
Sweet Clover Seed					130			135	210	133
Caraway seed		265					232			240
Safflower			356							350
Silage Corn	1274									2333

The average area reported by each producer decreased for brown and oriental mustards, sunflowers, peas, buckwheat, fababeans, sweet clover, safflower and silage corn. Brown mustard, sunflowers and buckwheat average area per grower decreased by more than 25 acres. The average area reported per grower for lentils and canaryseed was similar to 1988 while yellow mustard, alfalfa seed and caraway seed average areas increased.

Producers planted a greater proportion of the specialty crop acres to stubble in 1989 as compared to 1988. This may be explained by a greater interest in recropping acres that produced little output in 1988. Significant shifts in acres planted from summerfallow to stubble occurred in the mustards and lentil crops.

The increased interest in recropping is also contributing to larger swings in the yields and output in the various regions. Contracting interest is also down in 1989. The wild swings in prices due to the weather and market conditions enticed more people to grow crops in open positions. The area contracted for the mustards, sunflowers, canaryseed and peas decreased from 4% to 24%. Contracting of lentils increased by 3 points to 38%.

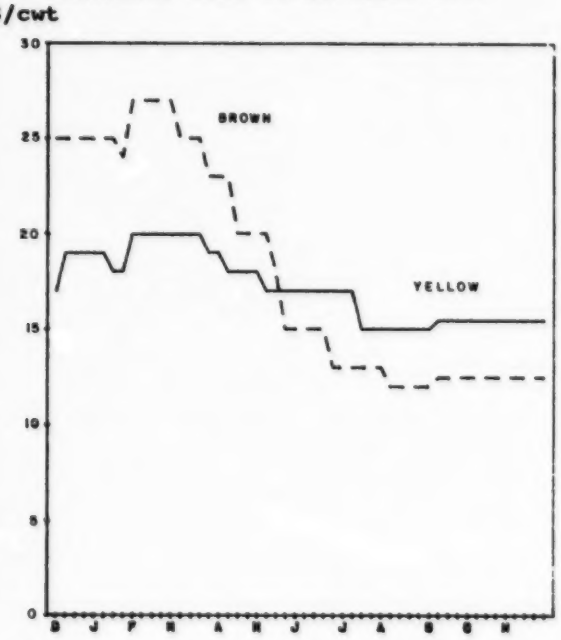
Crop district average yields reflected the fortunes of the weather. Southeastern districts had overall the poorest yields as compared to the provincial average. The south central and northern districts had average yields above the provincial average.

Saskatchewan mustard seed production is estimated to be 111 000 tonnes net, up 40% from the 1988 crop. Brown mustard production is estimated to be 49 000 tonnes--up 18 300 tonnes from 1988 due to a 60 000 acre increase in plantings and higher yields. The proportion of total mustard acres seeded to brown mustard increased due to increased popularity in the central districts. All crop districts, except 5 and 9 reported higher yields than a year ago. Contract prices for brown mustard held firm at $13.50 per cwt to $14.00 per cwt (on the first 400 to 600 pounds) during the spring of 1989. Spot prices peaked at $27.00 per cwt in February of 1989, a $7.00 per cwt premium to yellow mustard, and have since decreased to the current new crop offer price of $12.50 per cwt. The market for mustard has established a firm base due to export prospects. Bangladesh alone is expected to take 20 to 30 thousand tonnes of brown and oriental mustard. The limiting factor to higher prices is a strong Canadian dollar and the lack of foreign currency by countries such as Bangladesh. Yellow mustard production is up 13 400 tonnes to 37 000 tonnes. The area planted to yellow mustard increased to 155 000 acres from 115 000 acres in 1988. Average yields were higher in all crop districts except district 2.

Continued on page 5.

Yellow mustard prices regained their premium on the brown and oriental spot market as new crop marketings began. Spot prices in the winter of 1988/89 peaked at $20.00 per cwt and slipped to $15.50 per cwt by late summer. Strong demand from the U.S. has kept prices at levels near the spring of 1989 contract prices. Oriental mustard production was down fractionally to 25 000 tonnes in 1989.

Brown and Yellow Mustard
Saskatchewan Dealer Offer Prices
December 1988 to November 1989



Acreage decreased 5% from 1988 to 90 000. Average yields were up in 1989 except in crop districts 6 and 8. Contract prices were generally $2.00 per cwt under yellow mustard and this spread between yellow and oriental has continued since the start of the current crop year. Mustard exports decreased to 91.9 thousand tonnes in the 1988-89 crop year--down 23% from 1987-88. Exports in 1989-90 are expected to be near 100 thousand tonnes, leaving carry out at a comfortable 21 thousand tonnes. The 1990-91 contracting program will need offers of $15.00 to $17.00 per cwt for yellow mustard to attract an acreage of 400 to 450 thousand, assuming average yields, to meet export and domestic commitments of the previous three years.

Table 5: Canadian Mustard Exports - Aug/July

	1986/87	1987/88	1988/89
		(tonnes)	
Belgm - Lux	7750.0	7990.0	13705.3
West Germany	6824.0	11443.6	9016.1
Other N. Eur	22272.0	28818.5	13359.1
Total N. Eur	36846.0	48261.1	36080.5
U.S.	45565.0	37248.9	40393.9
Japan	9140.0	10807.3	8936.5
Other	29097.0	22948.1	6531.7
Total Other	83802.0	71004.2	55862.1
Total	120648.0	119265.3	91942.5

Table 6: Western Canada Mustard Supply and Disposition, 1982/83 - 1989/90
(tonnes)

	Aug 1 Stocks	Acreage	Prod'n	Supply	Exports	Domestic	Seed	F.W.D.	July 31 Stocks
1982/83	10000	157000	76500	86500	74200	4200	2132	3920	2048
1983/84	2048	235000	86400	88448	74200	4410	3148	4717	1974
1984/85	1974	347000	112400	114374	89000	4631	3084	9363	8296
1985/86	8296	340000	125300	133596	122600	4862	4128	2095	0
1986/87	0	455000	226800	226800	120600	45105	2540	16571	41984
1987/88	41984	280000	132400	174384	119265	34862	3810	6165	10282
1988/89	10282	420000	121100	131382	91934	25605	4808	4902	4133
1989/90	4133	530000	165100	169233	100000	27454	3629	6747	21403

Saskatchewan production of lentils is estimated to be 76 200 tonnes--up 68% from 1988. The 1989 average yield was up and the area seeded was down in all crop districts. The average yield varied from a low of 500 pounds per acre in the southeast to more than 800 pounds per acre in south central and northeast districts. Harvesting was more than half complete when the wet weather in early September delayed the harvest and reduced crop quality. The 1989-90 Canadian supply of lentils is 156 000 tonnes and includes 1987 and 1988 carryover of more than 60 000 tonnes and 1989 production of more than 96 000 tonnes. Export and commitments of lower quality lentils is strong. Reduced supplies from Turkey and unexpected U.S. government purchases has improved the lentil market outlook.

Coninued on page 9.

Laird Lentils
Offer Prices FOB Montreal
December 1988 to November 1989

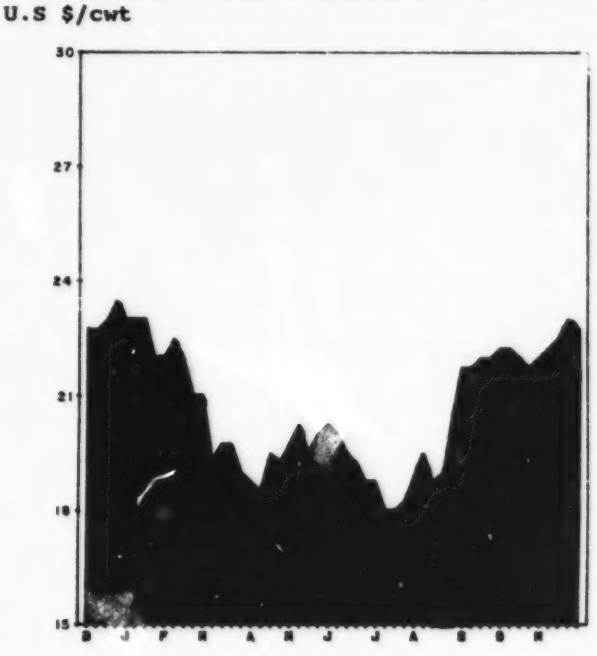


Table 7: Canadian Exports - Aug/July

Lentils	1986/87	1987/88	1988/89
		(tonnes)	
Belgm-Lux	8621.5	17379.1	4390.3
W. Germany	15086.9	9879.8	4789.1
Other N. Eur	12828.8	33014.3	6817.8
Total N. Eur	36537.2	60273.1	15997.2
Algeria	504.8	399.9	7567.2
Spain	7626.6	7868.9	3878.6
Other Med	7157.1	12423.6	6121.2
Total Med	5288.5	20692.4	17566.9
Colombia	29182.4	28664.6	18299.5
Venezuela	5691.3	9430.7	4153.6
Other S/C Amer	7092.8	6905.5	6470.1
Total S/C Amer	41966.5	45000.8	28923.2
Mozambique	108.9	3949.7	2281.5
Somalia	0.0	933.6	1462.1
Other	4860.9	16830.3	5625.9
Total Other	4969.7	21713.6	9369.4
Total	108762.0	147679.9	71856.6

Table 8: Western Canada Lentil Supply and Disposition, 1982/83 - 1989/90
(tonnes)

	Aug 1 Stocks	Acreage	Prod'n	Supply	Exports	Domestic	Seed	F.W.D.	July 31 Stocks
1982/83	0	175000	90200	90200	42800	6300	4817	4910	31373
1983/84	31373	118000	57400	88773	46800	6615	6409	15342	13607
1984/85	13607	157000	38900	52507	26300	6946	7348	3325	8588
1985/86	8588	180000	62400	70988	40900	7293	13194	4819	4782
1986/87	4782	323200	170500	175282	108800	7658	24086	16646	18092
1987/88	18092	590000	313700	331792	147680	8041	13676	60572	101824
1988/89	101824	335000	58600	160424	71856	8443	10410	9636	60079
1989/90	60079	255000	96200	156279	100000	8865	10206	9886	27322

Saskatchewan **canaryseed** production is estimated to be 95 300 tonnes-- more than double the 45 900 tonnes produced in 1988. Area planted to canaryseed increased to 280 000 acres, an increase of 50 000 from 1988. The average yield of 750 pounds per acre was below the long term average of 921 pounds per acre but more than 300 pounds above last year's yield of 440 pounds per acre. Contracting interest decreased in 1989 to 58% of total seeded area from 68% in 1988 due to high spot prices throughout the previous crop year and the 1989 contract offer prices of $14.00 to $14.25 per cwt (on the first 350 to 600 pounds of production per acre). Spot prices dropped below $20.00 per cwt in April and below $15.00 per cwt by the end of July. New crop prices dipped to $11.00 per cwt before recovering to the current trading range of $12.00 to $12.50 per cwt. Beginning stocks in 1989-90 were approximately 12 400 tonnes as compared to 29 000 tonnes in 1988. Total supply in the 1989-90 crop year is estimated at 139 000 tonnes.

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Canaryseed

Saskatchewan Dealer Offer Prices

December 1988 to November 1989

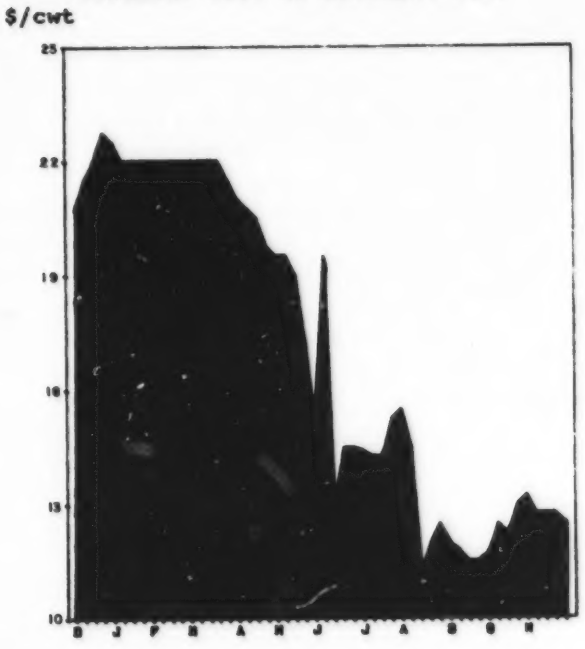


Table 9: Canadian Exports - Aug/July

Canaryseed	1986/87	1987/88	1988/89
		(tonnes)	
United Kingdom	7935.0	8240.0	5395.8
Netherlands	11980.0	11643.3	6440.6
Other N. Eur	20767.0	13338.0	7800.5
Total N. Eur	40682.0	33221.3	19637.0
Total Med	26321.0	12318.4	6458.0
Total S/C Amer	3257.0	6268.0	2705.2
U.S.	14284.0	12140.2	11880.9
Mexico	1101.0	20.0	4329.6
Other	6383.0	9084.7	5429.9
Total Other	21768.0	21244.8	21640.5
Total	92028.0	73052.6	50440.7

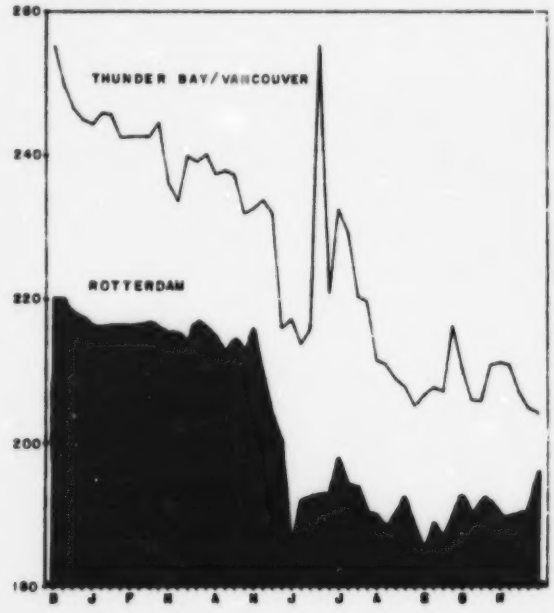
Table 10: Western Canada Canaryseed Supply and Disposition, 1982/83 - 1989/90

(tonnes)

	Aug 1 Stocks	Acreage	Prod'n	Supply	Exports	Domestic	Seed	F.W.D.	July 31 Stocks
1982/83	0	199000	103100	103100	77900	1575	2912	7948	12765
1983/84	12765	107000	55800	68565	37000	1654	3552	3865	22495
1984/85	22495	130500	45000	67495	39400	1736	3320	4114	18924
1985/86	18924	122000	46300	59224	57100	1823	6105	0	196
1986/87	196	224300	127600	127796	92200	1914	5661	9411	18610
1987/88	18610	208000	100800	119410	73050	2010	7076	8257	29017
1988/89	29017	260000	61600	90617	50440	2111	8845	16832	12389
1989/90	12389	325000	126700	139089	65000	2216	4899	6722	60253

Field pea production in Saskatchewan is estimated to be 95 000 tonnes--down 35% from 1988. Poor weather during spring planting as well as lower price prospects resulted in seeded area decreasing to 180 000 acres from 425 000 acres in 1988. Average yields in 1989 were higher than in 1988 in all crop districts. Feed pea values in Europe have been supported by the strong protein market and concerns of tightening supplies in both Europe and Australia.

Feed Pea Weekly Prices
Rotterdam and Thunder Bay
December 1988 to November 1989
U.S $/Tonne



However, this does not significantly change access to the European market for Canadian peas. Canadian ending stocks for 1988-89 were 32 300 tonnes and combined with Western Canadian production of 266 400 tonnes resulted in supplies of 298 700 tonnes. The 1989-90 exports are expected to reach 160 000 tonnes leaving stocks as of July 31, 1990 at a record 44 000 tonnes. Growers are resisting prices below $150 per tonne.

Continued on page 9.

Table 11: Canadian Exports - Aug/July

Field Peas	1986/87	1987/88	1988/89
		(tonnes)	
Belgm-Lux	5705.6	70007.9	46805.1
W. Germany	473.4	17306.7	33524.8
Netherlands	36992.0	170510.6	24824.2
Other N. Eur	13820.2	45877.0	23860.0
Total N. Eur	56991.2	303702.2	129014.2
Venezuela	4729.1	12701.7	4434.4
Trinidad	24984.0	11780.5	4602.9
Other S/C Amer	29311.6	83667.8	20515.2
Total S/C Amer	39024.7	108150.0	29552.5
Japan	6816.3	15331.7	6885.6
India	4604.3	13409.5	2377.7
U.S.	7745.8	24820.1	22325.6
Other	6612.1	16973.1	8340.8
Total Other	25778.5	70534.5	39929.8
Total	121794.4	482386.7	198496.5

Table 12: Western Canada Field Peas Supply and Disposition, 1982/83 - 1989/90
(tonnes)

	Aug 1 Stocks	Acreage	Prod'n	Supply	Exports	Domestic	Seed	F.W.D.	July 31 Stocks
1982/83	0	194000	156800	156800	67700	38500	18030	7434	25136
1983/84	25136	159000	116700	141836	80600	22000	20865	10260	8110
1984/85	8110	184000	131100	139210	65700	24200	20865	8990	19455
1985/86	19455	184000	168800	188255	102700	26620	36821	12932	9182
1986/87	9182	324700	238300	247482	103400	29282	70875	13268	30657
1987/88	30657	625000	437200	467857	288633	32210	82214	37084	27715
1988/89	27715	725000	346800	374515	198496	35431	49896	58393	32300
1989/90	32300	440000	266400	298700	160000	35431	39690	19543	44035

Lentils (continued from page 6)

Prices for Laird lentils have moved from highs of $20.00 per cwt to lows of $18.25 per cwt (U.S. $ track Montreal) in August back up to $23.00 per cwt in November. Spot prices in 1989-90 have established a floor at levels near the 1989 spring price of Cdn $18.50 to Cdn $19.00 per cwt. The outlook for exports appears to be near the 100 000 tonne level. Stocks at year end would drop to 27 000 tonnes which is adequate to cover up to three months of purchases. This points to prices trading in the $19.00 to $23.00 per cwt range at the grower level over the next few months and suggests that approximately 300 000 acres are needed for new crop 1990 production of 120 000 tonnes. Current prices are above recent crop year averages but will decrease through the spring and summer of 1990 as normal crop development occurs. The 1990/91 price outlook will be determined in the near term by seeding intentions and from there on by weather.

Fababean production is estimated at 3 000 tonnes-- a decrease of 68% from 1988. The lower prices and poor yield performance during the dry 1988 crop year contributed to the reduced acreage. **Alfalfa** seed production is estimated at 1 700 tonnes as compared to 1 500 tonnes last year. 1989 **Sweet Clover** seed production decreased to 800 tonnes from 2 300 tonnes in 1988 due to the decrease in area harvested. **Caraway** seed production more than doubled to 1 200 tonnes while **safflower** production decreased to 1 400 tonnes from 1 700 tonnes in 1988.

Canaryseed (continued from page 7)

With export prospects hampered by more favorable South American millet supplies and potential ending stocks of 60 000 tonnes, the price prospects do not look favorable for upside potential in spot prices. Producer selling resistance is supporting prices into December but as marketings increase prices will likely test the season lows of $11.00 per cwt. Any potential for price change will come from a change in the fundamentals as the attention is currently focusing on the demand side. The price outlook for 1990-91 is not favorable and disciplined farmer marketings are required to keep prices in the $10.00 to $12.00 per cwt trading range. As spring planting draws nearer the usual weather concerns and planting intentions will influence the new contract prices.

Field Peas (continued from page 8)

The price outlook at the farm gate cannot be expected to perform much better than the carrying charges through the spring of 1990. Given the current fundamentals, the 1990-91 season average price is expected to slip by as much as 10% from the 1989-90 season average price of $165 per tonne for feed peas. Any supportive price news will have to come from higher domestic use or further tightening of feed grain supplies.

Table 13: Specialty Crops Area, Gross Production and Exports - Western Canada

	1984	1985	1986	1987	1988	1989
Buckwheat						
Area			'000 acres			
Alberta	0.2	-	0.2	1.0	1.0	1.0
Saskatchewan	11.0	3.0	4.7	5.0	1.0	2.0
Manitoba	70.0	30.0	54.0	40.0	50.0	50.0
Western Canada	81.2	33.0	58.9	46.0	52.0	53.0
Production			'000 tonnes			
Alberta	0.1	-	0.3	0.4	0.4	0.4
Saskatchewan	0.9	0.5	1.2	1.2	0.2	0.4
Manitoba	13.1	10.7	20.2	20.2	12.4	14.6
Western Canada	14.1	11.2	21.7	21.8	13.0	15.4
Canadian Exports	**84/85**	**85/86**	**86/87**	**87/88**	**88/89**	
'000 tonnes	14.7	7.5	11.0	13.5	16.0	
$/tonne	394.00	464.00	405.00	357.00	452.00	
Canaryseed						
Area			'000 acres			
Alberta	5.5	2.0	3.0	3.0	5.0	4.0
Saskatchewan	95.0	100.0	164.0	180.0	230.0	280.0
Manitoba	30.0	20.0	57.3	25.0	25.0	40.0
Western Canada	130.5	122.0	224.3	208.0	260.0	324.0
Production			'000 tonnes			
Alberta	1.9	1.2	1.5	1.2	1.7	1.6
Saskatchewan	32.2	28.2	97.5	86.2	52.2	102.0
Manitoba	10.9	10.9	28.6	13.4	7.7	22.7
Western Canada	45.0	40.3	127.6	100.8	61.6	126.3
Canadian Exports	**84/85**	**85/86**	**86/87**	**87/88**	**88/89**	
'000 tonnes	39.4	57.1	92.2	73.1	50.4	
$/tonne	399.00	412.00	351.00	332.00	493.00	
Fababeans						
Area			'000 acres			
Alberta	6.0	5.0	1.4	1.8	3.5	3.5
Saskatchewan	3.4	2.0	4.4	10.0	28.0	5.0
Manitoba	12.0	11.0	13.1	16.0	18.0	15.0
Western Canada	21.4	18.0	18.9	27.8	49.5	23.5
Production			'000 tonnes			
Alberta	5.0	4.8	1.2	1.5	3.4	3.5
Saskatchewan	1.5	1.8	3.6	9.2	9.3	3.0
Manitoba	7.1	6.0	11.8	13.8	4.8	9.7
Western Canada	13.6	12.6	16.6	24.5	17.5	16.2
Canadian Exports	**84/85**	**85/86**	**86/87**	**87/88**	**88/89**	
'000 tonnes	9.3	4.8	13.0	25.5	9.7	
$/tonne	457.00	390.00	427.00	257.00	312.00	
Lentils						
Area			'000 acres			
Alberta	2.0	5.0	12.2	30.0	5.0	5.0
Saskatchewan	130.0	150.0	267.0	500.0	300.0	220.0
Manitoba	25.0	25.0	44.0	60.0	30.0	30.0
Western Canada	157.0	180.0	323.2	590.0	335.0	255.0
Production			'000 tonnes			
Alberta	0.4	1.1	4.5	13.4	1.4	1.8
Saskatchewan	24.9	46.3	145.1	263.1	49.9	79.4
Manitoba	13.6	15.0	20.9	37.2	7.3	15.0
Western Canada	38.9	62.4	170.5	313.7	58.6	96.2
Canadian Exports	**84/85**	**85/86**	**86/87**	**87/88**	**88/89**	
'000 tonnes	26.3	40.9	108.8	147.7	71.9	
$/tonne	611.00	694.00	580.00	394.00	501.00	

Specialty Crops Area, Gross Production and Exports - Western Canada

	1984	1985	1986	1987	1988	1989
Mustard						
Area			'000 acres			
Alberta	55.0	60.0	70.0	55.0	75.0	80.0
Saskatchewan	252.0	250.0	350.0	210.0	325.0	420.0
Manitoba	40.0	30.0	35.0	15.0	20.0	30.0
Western Canada	347.0	340.0	455.0	280.0	420.0	530.0
Production			'000 tonnes			
Alberta	17.2	15.0	32.7	24.5	22.2	34.0
Saskatchewan	81.6	95.3	176.9	100.2	90.7	122.0
Manitoba	13.6	15.0	17.2	7.7	8.2	9.1
Western Canada	112.4	125.3	226.8	132.4	121.1	165.1
Canadian Exports	84/85	85/86	86/87	87/88	88/89	
'000 tonnes	89.0	122.6	120.6	119.3	85.9	
$/tonne	472.00	317.00	335.00	286.00	344.00	
Sunflowers						
Area			'000 acres			
Alberta	2.3	3.0	3.0	3.7	4.4	3.5
Saskatchewan	26.0	8.0	7.5	15.0	15.0	20.0
Manitoba	170.0	120.0	57.0	70.0	85.0	115.0
Western Canada	198.3	131.0	67.5	88.7	104.4	138.5
Production			'000 tonnes			
Alberta	2.2	3.0	3.0	2.0	3.1	2.7
Saskatchewan	5.4	2.7	3.2	7.9	5.0	5.9
Manitoba	79.4	59.0	33.1	44.5	42.6	63.0
Western Canada	87.0	64.7	39.3	54.4	50.7	71.6
Canadian Exports	84/85	85/86	86/87	87/88	88/89	
'000 tonnes	53.4	15.9	8.2	14.1	13.6	
$/tonne	399.00	389.00	348.00	343.00	418.00	
Field Peas						
Area			'000 acres			
Alberta	14.0	14.0	14.7	65.0	120.0	110.0
Saskatchewan	60.0	70.0	165.0	380.0	425.0	200.0
Manitoba	110.0	100.0	145.0	180.0	180.0	130.0
Western Canada	184.0	184.0	324.7	625.0	725.0	440.0
Production			'000 tonnes			
Alberta	12.8	10.9	15.2	42.6	110.0	92.5
Saskatchewan	36.7	57.2	119.7	250.4	157.9	95.0
Manitoba	81.6	100.7	103.4	144.2	78.9	78.9
Western Canada	131.1	168.8	238.3	437.2	346.8	266.4
Canadian Exports	84/85	85/86	86/87	87/88	88/89	
'000 tonnes	65.7	102.7	103.4	288.6	198.5	
$/tonne	341.00	342.00	266.00	240.00	288.00	

Sources: Statistics Canada
Alberta Agriculture
Manitoba Agriculture
Saskatchewan Agriculture and Food

Table 14: Specialty Crops Area Seeded, Saskatchewan, 1982-89

Year	Mustard	Sunflowers	Lentils	Field Peas	Canaryseed	Buckwheat	Fababeans
				'000 acres			
1982	82.0	16.0	125.0	71.0	136.0	4.5	1.0
1983	140.0	13.0	91.0	45.0	77.0	3.0	1.0
1984	252.0	26.0	130.0	60.0	95.0	11.0	3.4
1985	250.0	8.0	150.0	70.0	100.0	3.0	2.0
1986	350.0	7.5	267.0	165.0	164.0	4.7	4.4
1987	210.0	15.0	500.0	380.0	180.0	5.0	10.0
1988	325.0	15.0	300.0	425.0	230.0	1.0	28.0
1989	420.0	20.0	220.0	180.0	280.0	2.0	5.0

Table 15: Specialty Crops Yields, Saskatchewan, 1982-89

Year	Mustard	Sunflowers	Lentils	Field Peas	Canaryseed	Buckwheat	Fababeans
				lbs/acre			
1982	1 038	1 006	1 199	1 859	1 203	784	2 205
1983	786	916	1 100	1 665	1 142	808	1 323
1984	714	462	422	1 348	747	180	973
1985	840	733	680	1 801	622	367	1 984
1986	1 114	941	1 198	1 599	1 311	563	1 804
1987	1 052	1 161	1 160	1 453	1 053	529	2 028
1988	539	676	334	763	440	529	732
1989	583	650	764	1 164	750	474	1 323
				kg/acre			
1982	471	456	544	843	546	356	1 000
1983	357	415	499	755	518	367	600
1984	324	210	191	611	339	82	441
1985	381	332	308	817	282	166	900
1986	505	427	543	725	595	255	818
1987	477	527	526	659	478	240	920
1988	244	307	152	346	200	240	332
1989	264	295	346	528	340	215	600

Table 16: Specialty Crops Prices, Saskatchewan, 1982-89

Year	Mustard	Sunflowers	Lentils	Field Peas	Canaryseed	Buckwheat	Fababeans
				cents/lb			
1982	12.0	9.1	15.0	9.0	10.0	10.0	9.0
1983	15.4	12.0	15.0	8.0	11.0	10.2	9.0
1984	16.5	15.3	18.5	9.1	12.0	11.0	11.0
1985	15.0	13.0	30.0	9.5	12.0	12.5	13.0
1986	12.0	7.5	21.5	8.8	11.5	11.5	8.5
1987	9.0	11.0	12.0	8.0	9.0	8.0	8.0
1988	12.0	13.6	16.6	9.0	12.5	9.5	7.5
1989	13.4	10.9	18.8	7.9	12.5	9.0	7.5
				$/tonne			
1982	265	201	331	198	220	220	198
1983	340	265	331	176	243	225	198
1984	364	337	408	201	265	243	243
1985	331	287	661	209	265	276	287
1986	265	165	474	194	254	254	187
1987	198	243	265	176	198	176	176
1988	265	300	366	198	276	209	165
1989	295	240	414	174	276	198	165